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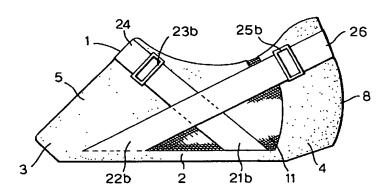
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[Continued on next page]

(54) Title: HORSE SHOE AND MEDICAL COMPOSITION



(57) Abstract: A horse shoe (1) has sole member (2), a front panel (5) which is connected to and extends upwardly from the front of said sole (2) so as, in use, to extend along the front of the hoof of an animal, and a back panel (8) which is connected to and extends upwards from the back of said sole (2) so, in use, to extend along the back of the hoof of an animal. A front strap assembly is composed of a pair of front securing straps (21, 24), a first (21) of which extends around the bottom of the shoe proximate to the back thereof from one side of the shoe to the other, and a second (24) of which extends obliquely from one side of the shoe, around the front panel (5) proximate to an ankle opening therein, to the other side A rear strap assembly is composed of a pair of rear securing straps (22, 26), a first (22) of which extends around the bottom of the shoe proximate to the front thereof from one side of the shoe to the other, and second (26) of which extends obliquely from one side of the shoe around the back (8) of the shoe proximate to the ankle opening, to the other side The first and second front straps are connectable to each other and the first and second rear traps are connectable together so as to secure the shoe on the animal hoof. A medical composition comprising 95% to 99% Glycerine, 3 to 8 g/kg of Lavendula angustfolia x latifolia, 0.5 to 1.5 g/kg Arnica Montana and 1.5 to 10 g/kg Melaleuca alternifolia for use as a medicament.



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INTERNATIONAL SEARCH REPORT

Int Pull 2004/000163

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A01K13/00 A01L15/00 A01L3/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 A01K A01L A61K A61Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, CHEM ABS Data

C. DOCUM	ENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/16614 A (MACDONALD DAVID DUNCAN) 30 March 2000 (2000-03-30) page 2, lines 7-26 page 5, lines 8-14,26-28 page 8, lines 6-11 page 9, lines 1-18,29-31 page 10, lines 3-10 page 11, lines 9-13 figures 1,6,8-10	1,2,4,7, 8,13-15
Ä		16
X	US 4 155 406 A (HOURLIER LEON) 22 May 1979 (1979-05-22) column 1, line 59 - column 2, line 34 figures 1,2	1,2,9,10
	,	

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents: A" document defining the general state of the art which is not considered to be of particular relevance E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O" document referring to an oral disclosure, use, exhibition or other means P" document published prior to the international filing date but later than the priority date claimed	 "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the International search report
8 October 2004	2 9. 10. 2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswljk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Been, M

INTERNATIONAL SEARCH REPORT

Int nal Application No							
PC	32004/000163						

		PC 32004/000163	
	ation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
Υ	US 3 630 289 A (NORBERG AKE WILHELM) 28 December 1971 (1971-12-28) column 1, line 72 - column 2, line 25 abstract; figure 1	11	
Υ	US 4 174 754 A (GLASS NEEL W) 20 November 1979 (1979-11-20) abstract; figure 3	17	
A .	DE 32 23 187 A (DALLMER HELMUTH FA) 22 December 1983 (1983-12-22) page 8, lines 12-21 page 10, lines 9-22 page 11, lines 4-6 figures 1,8-11,13	1,15	
A	WO 99/51089 A (VROOM RENE WERENFRIDUS LODEWIJ) 14 October 1999 (1999-10-14) page 2, line 30 - page 3, line 16 page 4, lines 5-12,20-26 page 11, line 32 - page 12, line 11 abstract	19-21	
A	WO 00/56346 A (J P M E D LTD; FRIEDMAN DORON I (IL)) 28 September 2000 (2000-09-28) page 2, paragraphs 6,7 page 4, paragraphs 2,3 page 4, paragraph 6 - page 5, paragraph 2 page 5, paragraph 5 - page 6, paragraph 1 page 7, paragraph 3 examples 15,16	19-21	



mational application No. PCT/6B2004/000163

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: 22-25 because they relate to subject matter not required to be searched by this Authority, namely:
Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This international Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this international Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the Invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest. X No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.1

Claims Nos.: 22-25

Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy

International Application No. PCT/ GB2004/000163

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-18

Horse shoe

2. claims: 19-21

Composition for use as a medicament

INTERNATIONALSEARCH REPORT

PCT/ 04/000163

		1017	101/ ()04/ 000100		
Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 0016614	A	30-03-2000	AU	743287 B2	24-01-2002
WO 0010014	А	30 03 2000	AU	6181999 A	10-04-2000
	•		WO	0016614 A1	30-03-2000
			CA	2344916 A1	30-03-2000
			EP	1122998 A1	16-08-2001
			NZ	510671 A	01-02-2002
			ÜS	6694713 B1	24-02-2004
US 4155406	A	22-05-1979	FR	2319297 A1	25-02-1977
			DE	7623915 U1	17-02-1977
US 3630289	A	28-12-1971	SE	326863 B	03-08-1970
			DE	1960944 A1	19-05-1971
			FR	2025660 A5	11-09-1970
US 4174754	Α	20-11-1979	AU	526790 B2	03-02-1983
			AU	4251378 A	21-06-1979
			CA	1082913 A1	05-08-1980
			GB	2010064 A ,B	27-06-1979
DE 3223187	Α	22-12-1983	DE	3223187 A1	22-12-1983
			AU	1704883 A	26-01-1984
			MO	8400094 A1	19-01-1984
			EP	0111523 A1	27-06-1984
WO 9951089	Α	14-10-1999	NL	1008795 C2	05-10-1999
•			AU	3539299 A	25-10-1999
			CA	2326979 A1	14-10-1999
			EP	1067835 A1	17-01-2007
			WO	9951089 A1	14-10-1999 26-09-2003
			NZ	507428 A	26-09-200. 22-07-200:
بالأخلف والكافرية فيها فيها ليسار والكافريسة الكافرية والكافرية والمالة			US	6596325 B1	24-07-200.
WO 0056346	Α	28-09-2000	AU	3320100 A	09-10-2000
			BR	0006005 A	04-12-200
			CA	2333317 A1	28-09-200
			EP	1077713 A1	28-02-200
			MO	0056346 A1	28-09-200
			JP	2002539268 T	19-11-200
			US	2004067244 A1	08-04-200
			US	6544530 B1	08-04-200